

Google scholar

[Advanced Scholar Search](#)
[Scholar Preferences](#)**Scholar All articles Recent articles**

Results 1 - 100 of about 433. (0.18 sec)

Multi-language generation of control program for an industrial controller

MS McGrath, LC McKinnon, JC Pattee, GC ... - US Patent 5,504,902, 1996 - Google Patents
 ... Examiner—John Q. Chavis Attorney, Agent, or Firm ... control program executable by an
 industrial controller, wherein the ... displayed on a display device along with ...

Cited by 18 - Related articles - All 4 versions**Industrial controller with highly distributed processing**

DS Pieronek, JJ Hodorowski - US Patent 5,452,201, 1995 - Google Patents
 ... Examiner—James P. Trammell Attorney, Agent, or Firm ... from the controller to operate
 devices on the ... for most control inputs to the industrial controller may be ...
Cited by 18 - Related articles - All 2 versions

Industrial controller with decompilable user program

NW Knutson - US Patent 5,005,152, 1991 - Google Patents
 ... Shaw Assistant Examiner—PV Kulik Attorney, Agent, or Firm ... on floppy disk or mag-
INDUSTRIAL CONTROLLER WITH netic ... which of the many ladder ing devices on the ...
Cited by 15 - Related articles - All 2 versions

Object-oriented programmable industrial controller with distributed interface architecture

KC Crater, DL Pierson, WO Schley - US Patent 6,201,996, 2001 - Google Patents
 ... 13,2001 (54) OBJECT-ORIENTED PROGRAMMABLE INDUSTRIAL CONTROLLER WITH DISTRIBUTED
 INTERFACE ... Grant Assistant Examiner—Kidest Bahta (74) Attorney, Agent, or Firm ...
Cited by 17 - Related articles - All 4 versions

Industrial control system device

M Kosem, AJ Cachat, TD Toth - US Patent 5,068,778, 1991 - Google Patents
 ... Assistant Examiner—Jim Trammell Attorney, Agent, or Firm ... to a control sys- tem device
 that can ... comprised of a multi-function industrial controller capable of ...
Cited by 12 - Related articles - All 2 versions

Method and systems for use with an industrial controller

KG Maxwell, MS McGrath, JA Millington... - US Patent 5,508,909, 1996 - Google Patents
 ... Primary Examiner—Joseph Ruggiero Attorney, Agent, or Firm ... program executable by an
 industrial controller, wherein a ... program is displayed on a display device ...
Cited by 7 - Related articles - All 4 versions

Using radio frequency identification in agent-based control systems for industrial ...

P Vrba, F Macírek, V Mařík - Engineering Applications of Artificial Intelligence, 2008 - Elsevier
 ... in order to ensure line-of-sight between the reader device and the ... Additionally,
 with a long history of researching into the agent-based manufacturing control ...

[Cited by 8 - Related articles - All 2 versions](#)

Interface between industrial controller components using common memory

DA DiCarlo, WE Floro, M Keith, JJ Baier, JH ... - US Patent 5,416,908, 1995 - Google Patents
... 16, 1995 [54] INTERFACE BETWEEN INDUSTRIAL CONTROLLER COMPONENTS USING ... Examiner—Viet
Vu Attorney, Agent, or Firm ... condition of selected sensing devices on the ...

[Cited by 8 - Related articles - All 2 versions](#)

Adaptive alarm controller changes multiple inputs to industrial controller in order for state ...

OJ Struger, EJ Klimas - US Patent 5,089,984, 1992 - Google Patents
... Assistant Examiner—Mehmet Geckil Attorney, Agent, or Firm ... and outputs to and from
the industrial controller. ... 20 that services the respective output device. ...

[Cited by 6 - Related articles - All 2 versions](#)

Programming apparatus for an industrial controller using two-dimensional graphic behavior ...

MJ Schwenke - US Patent 5,321,603, 1994 - Google Patents
... 54] PROGRAMMING APPARATUS FOR AN INDUSTRIAL CONTROLLER USING TWO ... Assistant
Examiner—Jim Trammell Attorney, Agent, or Firm ... a manual data entry device and a ...

[Cited by 6 - Related articles - All 2 versions](#)

Industrial controller with variable I/O update rate

DJ Dombrosky, KR Harris - US Patent 5,099,449, 1992 - Google Patents
... Assistant Examiner—Larry Donaghue Attorney, Agent, or Firm ... monitoring the operation
of the industrial controller and for ... a dc input or output device, or as an ...

[Cited by 5 - Related articles - All 2 versions](#)

Industrial controller permitting removal and insertion of circuit cards while under power

RE Schultz, WE Floro, O Schmidt - US Patent 5,983,298, 1999 - Google Patents
... Examiner—Rupal D. Dharia Attorney, Agent, or Firm ... between the card and the industrial
controller has stabilized ... diodes on other memory type devices attached to ...

[Cited by 7 - Related articles - All 2 versions](#)

Protective case for an industrial controller

A Le Boennec, R Jean, B Dalban - US Patent 5,202,815, 1993 - Google Patents
... 54] PROTECTIVE CASE FOR AN INDUSTRIAL CONTROLLER [75] Inventors ... Examiner—Gerald P.
Tolin Attorney, Agent, or Firm ... case with an electronic device, including an ...
[Cited by 3 - Related articles - All 3 versions](#)

Device for aiding maintenance of an electromechanical installation having automatic ...

JL Chanvin, A Cote, G Menou - US Patent 4,847,894, 1989 - Google Patents
... Examiner—Keith E. George Attorney, Agent, or Firm ... installation having a programmable
industrial controller; FIG. 4 is a block diagram of a device according to ...
[Cited by 6 - Related articles - All 2 versions](#)

Industrial controller having redundancy and using connected messaging and connection ...

MA Flood, ME Taylor - US Patent 5,963,448, 1999 - Google Patents
... 5,199 [54] INDUSTRIAL CONTROLLER HAVING REDUNDANCY AND USING CONNECTED MESSAGING
AND ... Meng-Ai T. An Assistant Examiner—John Ciccozzi Attorney, Agent, or Firm ...
[Cited by 8 - Related articles - All 2 versions](#)

Start-up pulse suppression circuit for industrial controller output

DJ Bolda, JC Clemente, MA Feavel, AG Gibart ... - US Patent 5,243,232, 1993 - Google Patents
... Examiner—Terry D. Cunningham Attorney, Agent, or Firm ... supply 24, associated with the controlled device 22 and ... the power supply of the **industrial controller** 10 ...
Cited by 4 - Related articles - All 2 versions

Industrial controller with flexible data structures

MS Khan, DB Sumerauer... - US Patent 6,088,624, 2000 - Google Patents
... Grant Assistant Examiner—McDieual Marc Attorney, Agent, or Firm ... ABSTRACT An improvement in an **industrial controller** having a ... with each I/O device to define ...
Cited by 3 - Related articles - All 2 versions

Enabling federated control by developing a distributed control application platform

AJR Aendenroemer, D ZhongQiang, H Hao, Q ... - ... Conference on Industrial Informatics, 2003. INDIN ..., 2003 - ieeexplore.ieee.org
... which are the active entities, actors, agents etc ... the DCAP platform supports multiple devices over multiple ... For example, for an **industrial controller** (where the ...
Cited by 6 - Related articles - All 2 versions

Industrial controller decompiler accommodating an expandable instruction set

AS Ansari, MS Khan, JW Brooks - US Patent 5,881,290, 1999 - Google Patents
... Assistant Examiner—Tuan Q. Dam Attorney, Agent, or Firm ... that may be used to program the **industrial controller**. ... program 50 for a particular device or process. ...
Cited by 5 - Related articles - All 2 versions

Industrial controller permitting program editing during program execution

DA Johnston, CM Rischar, RE Schultz, O ... - US Patent 5,781,776, 1998 - Google Patents
... 14, 1998 [54] **INDUSTRIAL CONTROLLER PERMITTING PROGRAM EDITING DURING PROGRAM EXECUTION** [75 ... P. Trammell Assistant Examiner—Kakali Chaki Attomey, Agent, or Finn ...
Cited by 7 - Related articles - All 2 versions

The structured design of an industrial robot controller

G Ferretti, G Magnani, P Putz, P Rocco - Control Engineering Practice, 1996 - Elsevier
... The design of a new industrial controller is tackled according ... defined by the European Space Agency (ESA) for ... SDP), and process, or device, and controloriented ...
Cited by 8 - Related articles - BL Direct - All 2 versions

Industrial controller with display of rung execution

RE Schultz, CM Rischar, DR Rohn - US Patent 5,812,133, 1998 - Google Patents
... Examiner—Paul A. Bell Attorney, Agent, or Firm ... the present invention provides an **industrial controller** having an ... and a user input device identifies at least ...
Cited by 5 - Related articles - All 2 versions

Layered supervisory control architecture for reconfigurable automation

BL Huff, CR Edwards - Production Planning & Control, 1999 - informaworld.com
... A device control agent (DCA) provides the interface between ... the potential behaviour or functionality of the device. ... In order for an **industrial controller** to be ...
Cited by 5 - Related articles - BL Direct - All 2 versions

Adaptive controller in a process control system and a method therefor

M Sklaroff - US Patent 5,170,341, 1992 - Google Patents

... Examiner—Thomas E. Brown Attorney, Agent, or Firm ... signal inputted to the difference device initiates an ... Sheets SETPOINT (SP) 20 - INDUSTRIAL CONTROLLER Co PV ...

Cited by 5 - [Related articles](#) - [All 6 versions](#)

Redundant industrial controller storing module and chassis level redundancy status

MA Flood - US Patent 5,997,166, 1999 - Google Patents

... Assistant Examiner—Ramesh Patel Attorney, Agent, or Firm ... include start up of the industrial controller, removal or ... A device object 92 also exists within each ...

Cited by 5 - [Related articles](#) - [All 2 versions](#)

Industrial controller card rack with heat transfer across card edges

JC Clemente, B Fleischman, J Kitscha, P ... - US Patent 5,436,794, 1995 - Google Patents

... Examiner—Gregory D. Thompson Attorney, Agent, or Firm ... exploded'cutaway view of an industrial controller showing a ... between the heat dissipating devices and the ...

Cited by 5 - [Related articles](#) - [All 2 versions](#)

Bar chart editor for industrial controller

MJ Schwenke, JA Sinclair - US Patent 5,940,293, 1999 - Google Patents

... 17,1999 [54] BAR CHART EDITOR FOR INDUSTRIAL CONTROLLER [75] Inventors: Marvin ... William Grant Assistant Examiner—Carolyn T Baumgardner Attorney, Agent, or Firm ...

Cited by 4 - [Related articles](#) - [All 2 versions](#)

Industrial controller programming method using external connection database

MW Schmidt - US Patent 5,564,049, 1996 - Google Patents

... R. Lintz Attorney, Agent, or Firm—Keith M. Baxter, John M. Miller, John J. Horn

[57] ABSTRACT Subprograms together making up an industrial controller program ...

Cited by 4 - [Related articles](#) - [All 2 versions](#)

DC input circuit with controlled leakage current

TJ Murphy, TA Weber - US Patent 5,111,070, 1992 - Google Patents

... R. LaRoche Assistant Examiner—Tan Dinh Attorney, Agent, or Firm ... curren(flow imo {he D(, { ing device into the input of the industrial controller

Cited by 4 - [Related articles](#) - [All 2 versions](#)

Industrial controller compiler with expandable instruction set

JW Brooks, RR Husted, CM Rischar, AS ... - US Patent 5,819,097, 1998 - Google Patents

... Examiner—Tuan Q. Dam Attorney, Agent, or Firm ... may be used to program the industrial controller, the new ... a control program for a particular device or process. ...

Cited by 3 - [Related articles](#) - [All 2 versions](#)

Device for method for manipulating a part

CR Wojciechowski, DS Steele, HJ Scudder ... - US Patent 4,802,195, 1989 - Google Patents

... Examiner—David P. Porta Attorney, Agent, or Firm ... programma- ble controller 20, an industrial controller 21, a ... that is contemplated that the device and methods ...

Cited by 4 - [Related articles](#) - [All 5 versions](#)

Serial data isolator industrial control system providing intrinsically safe operation

U Behrens, MW Kessler, RD Slater, RE ... - US Patent 6,037,857, 2000 - Google Patents
... Donnie L. Crosland Attorney, Agent, or Firm ... present invention provides an industrial controller reading inputs from an industrial device and providing ...

Cited by 3 - Related articles - All 4 versions

Template language for industrial controller programming

MJ Schwenke, JA Sinclair, RJ Staron - US Patent 6,553,268, 2003 - Google Patents
... 22,2003 (54) TEMPLATE LANGUAGE FOR INDUSTRIAL CONTROLLER PROGRAMMING (75) Inventors ...
by examiner Primary Examiner—Ramesh Patel (74) Attorney, Agent, or Firm ...

Cited by 3 - Related articles - All 4 versions

High reliability industrial controller using tandem independent programmable gate-arrays

DA Vasko - US Patent 6,463,339, 2002 - Google Patents
... Examiner—Ramesh Patel (74) Attorney, Agent, or Firm ... according to programmable memory industrial controller that has a ... and reference must be device complexity. ...

Cited by 3 - Related articles - All 2 versions

Axis editor for industrial controller programming

MJ Schwenke, JA Sinclair... - US Patent 6,076,020, 2000 - Google Patents
... Examiner—William Grant Assistant Examiner—Ivan Calcano Attorney, Agent, or Firm—RA ... an axis behavior profile that represents input devices, output devices ...
Cited by 2 - Related articles - All 2 versions

Method of programming industrial controllers with highly distributed processing

J Hodorowski - US Patent 5,530,643, 1996 - Google Patents
... Assistant Examiner—Steven R. Garland Attorney, Agent, or Firm—Keith M. Baxter, John M. Miller ... 7 17 29 DEVICE DATA PB 109 PRS 109 < DEVICE A PB 102 PB ...
Cited by 32 - Related articles - All 2 versions

Industrial controller input/output card providing reflex response

E Dummermuth... - US Patent 6,073,053, 2000 - Google Patents
... Assistant Examiner—Zoila Cabrera Attorney, Agent, or Firm ... Clearly the device is not limited to the ... I claim: 1. An industrial controller producing electrical ...
Cited by 2 - Related articles - All 2 versions

Time synchronization system for industrial control network using global reference pulses

LW Esker - US Patent 6,535,926, 2003 - Google Patents
... Examiner—Saleh Najjar (74) Attorney, Agent, or Firm ... a master clock in a first industrial control device. ... transmitted by the first industrial controller as a ...
Cited by 2 - Related articles - All 2 versions

Network interface for industrial controller providing application programmer interface

S Nair, MJ Gilson - US Patent 6,675,226, 2004 - Google Patents
... Phuong N Hoang (74) Attorney, Agent, or Firm ... networks without requiring rewriting of industrial controller software. ... US 6,675,226 BI device on at least one ...
Cited by 1 - Related articles - All 2 versions

Interface for industrial controller network card

KE Neet, J Bradford, R Lantzy, ME Griffin - US Patent 6,412,032, 2002 - Google Patents
... Examiner—Harold Kim (74) Attorney, Agent, or Firm ... used as an 60 interface between
an industrial controller and a ... The reading device copies the contents of the ...
[Cited by 1](#) - [Related articles](#) - [All 2 versions](#)

Safety network for industrial controller allowing initialization on standard networks

KW Vandesteeg, DA Vasko, JA Lenner, KH ... - US Patent 6,701,198, 2004 - Google Patents
... Douglas M. Shute (74) Attorney, Agent, or Firm ... that is compatible with conventional
industrial controller networks and ... giving each communicating device a way ...
[Cited by 1](#) - [Related articles](#) - [All 2 versions](#)

Safety network for industrial controller having reduced bandwidth requirements

JA Lenner, DA Vasko, KW Vandesteeg, KH ... - US Patent 6,721,900, 2004 - Google Patents
... Examiner—Nadeem Iqbal (74) Attorney, Agent, or Firm ... BI SAFETY NETWORK FOR INDUSTRIAL
CONTROLLER HAVING REDUCED ... appropriate for use in devices intended to ...
[Cited by 1](#) - [Related articles](#) - [All 6 versions](#)

Parallel process controller

RE Morley - US Patent 4,648,064, 1987 - Google Patents
... et al 364/200 3,997,879 12/1976 Markley et al 364/900 4,015,243 3/1977 Kurpanek
et al 364/200 Primary Examiner—Eddie P. Chan Attorney, Agent, or Firm ...
[Cited by 15](#) - [Related articles](#) - [All 3 versions](#)

Industrial controller and network card with buffer negotiation

KE Neet - US Patent 6,463,338, 2002 - Google Patents
... Primary Examiner—Ramesh Patel (74) Attorney, Agent, or Firm ... network 16 may connect
to the industrial controller 12 via ... for a processor or other device to poll ...
[Cited by 1](#) - [Related articles](#) - [All 2 versions](#)

Input/output module having a combination input/output point

DR Janke, RR Sabroff ... - US Patent 5,440,695, 1995 - Google Patents
... Examiner—Jonathan Hall Backenstose Attorney, Agent, or Firm ... use with a microprocessor
based industrial controller. input device, an output point adapted for ...
[Cited by 3](#) - [Related articles](#) - [All 6 versions](#)

Walk-through human/machine interface for industrial control

JR Engdahl ... - US Patent 6,282,455, 2001 - Google Patents
... (74) Attorney, Agent, or Firm ... or outputs from the controller to operate devices on
the ... Inputs to the industrial controller may be discrete binary signals, such ...
[Cited by 1](#) - [Related articles](#) - [All 2 versions](#)

Apparatus and method for fast FET switching in a digital output device

GD Maskovyak, NV Ivanov - US Patent 6,555,935, 2003 - Google Patents
... (74) Attorney, Agent, or Firm—Himanshu S. Amin; Alexander M. Gerasimow; William R.
Walbrun (57) ABSTRACT An industrial control output device is provided which ...
[Cited by 1](#) - [Related articles](#) - [All 2 versions](#)

Plug-and-play interface circuit with visual display

LP Chung - US Patent 6,415,337, 2002 - Google Patents

... Sumati Lefkowitz (74) Attorney, Agent, or Firm ... port information of each peripheral device so that the ... extended to for example **industrial controller** that adapts ...

Cited by 1 - Related articles - All 2 versions

Optimized non-linear effect tapered optical fiber interferometer/switch device

P Dumais, S Lacroix, F Gonthier, RJ Black, J ... - US Patent 5,479,546, 1995 - Google Patents

... Examiner—Brian Healy Attorney, Agent, or Firm ... OPTICAL FIBER INTERFEROMETER/SWITCH DEVICE BACKGROUND OF ... typically a pro- grammable **industrial controller** with a ...

Cited by 5 - Related articles - All 2 versions

Offline micropayments without trusted hardware- *psu.edu [PDF]

M Blaze, J Ioannidis, AD Keromytis - Lecture Notes in Computer Science, 2002 - Springer

... The users (Payers and Merchants) are assumed to possess some **device** that can perform ... note that these do affect the risk decisions made by the **agents** and thus ...

Cited by 51 - Related articles - BL Direct - All 11 versions

Diagnostic aid for industrial controller using multi-tasking architecture

D Johnston, CM Rischar, J McDonel - US Patent 5,844,795, 1998 - Google Patents

... Ramesh Patel Attorney, Agent, or Firm—Keith M. Baxter; John M. Miller; John J. Horn
[57] ABSTRACT A task executed on a multi-tasking **industrial controller** is ...

Cited by 2 - Related articles - All 2 versions

Implementation of sensor-based control algorithms in an industrial robot controller

C Carozzi, G Magnani, S Nicolodi - Control Engineering Practice, 1995 - Elsevier

... Nodes 10 and 9 perform Device (robot) and Process ... The C3G9000, a stateofheart **industrial controller** manufactured by ... at the European Space Agency Research and ...

Cited by 1 - Related articles - All 3 versions

A Real-Time Interface for Agent-Based Control

OJL Orozco, JLM Lastra - ieeexplore.ieee.org

... JADE-LEAP is an agent platform for constrained devices which was implemented in the Pointe Controller in a split- container configuration. ...

Controller with agent functionality

FP Maturana, KH Hall, RJ Staron, P Slechta, ... - US Patent App. 10/808,772, 2004 - Google Patents

... invention relates to a configuration device for enabling an **industrial controller** to Page 13. US 2004/0268186 A1 Dec. 30, 2004 operate as an **agent** that governs ...

Related articles - All 4 versions

Industrial controller for machine tools, robots and/or production machines

R Barth - US Patent 7,206,834, 2007 - Google Patents

... Examiner—Jeffrey Pwu (74) Attorney, Agent, or Firm ... US 7,206,834 B1 1 INDUSTRIAL CONTROLLER FOR MACHINE TOOLS ... the numerical controller's display device can show ...

Related articles - All 2 versions

[... controller having data table interface between agent-type programming and non-agent ...](#)

FP Maturana, KH Hall, RJ Staron, P Slechta, V ... - US Patent App. 10/808,680, 2004 - Google Patents
... 16, 2002 and entitled "Agent-Based Active Diagnostics ... simple and requires programming
only a single device. ... a process with an **industrial controller** is the cost ...

[All 4 versions](#)

Industrial controller based on distributed technology objects

W Horn, J Birzer, T Heber, R Kram, M Kiesel - US Patent 7,561,929, 2009 - [freepatentsonline.com](#)
... Primary Examiner: Barnes Bullock, Crystal J. Attorney, Agent or Firm: Weingaertner,
Scott T. King & ... An **industrial controller** may be a separate device or it ...

[... and methodology providing flexible and distributed processing in an industrial controller ...](#)

DA Vasko, JJ Baier, RA Morse, BA Batke, J ... - US Patent 7,058,712, 2006 - Google Patents
... Assistant Examiner — Kenny Lin (74) Attorney, Agent, or Firm ... O table to control a
device 40 such ... Various control modules of the **industrial controller** may be ...

[All 4 versions](#)

[... providing open interface and distributed processing in an industrial controller ...](#)

JJ Baier, DM Callaghan - US Patent 7,151,966, 2006 - Google Patents
... [eom/pub/a/ws/2001/04/04/webservices/in-dex.html.*](#) (Continued) Primary
Examiner—Leo Picard Assistant Examiner—Charles Kasenga (74) Attorney, Agent, or ...
[Related articles](#) - [All 2 versions](#)

Inductive probe controller/conductive probe emulator

SA Walker, P It - US Patent 7,499,810, 2009 - [freepatentsonline.com](#)
... is usable with any **industrial controller** that uses a ... an improved hardness ion complexing
agent, November, 1990, ... 5722441, Electronic device process apparatus, March ...

[Network independent safety protocol for industrial controller](#)

KW Vandesteeg, DA Vasko, JA Lenner, KH ... - US Patent 6,891,850, 2005 - Google Patents
... Examiner—Saba Tsegaye (74) Attorney, Agent, or Firm ... At the **industrial controller**
12 the signals 18 may ... motor, enunciator, lamp or other device implementing a ...
[Related articles](#) - [All 2 versions](#)

[System and method for interfacing multi-agent system](#)

P Tichy, FP Maturana, KH Hall, RJ Staron, P ... - US Patent App. 10/814,549, 2004 - Google Patents
... 16, 2002 and entitled "Agent-Based Active ... that employ multiple, distinct control
devices that are ... Generally, an **industrial controller** is a specialized computer ...
[Related articles](#) - [All 4 versions](#)

[Integrated multi-agent system employing agents of different types](#)

FP Maturana, RJ Staron, FM DiScenzo, KH Hall ... - US Patent App. 10/948,391, 2004 - Google Patents
... 16, 2002 and entitled "Agent-Based Active Diagnostics ... simple and requires programming
only a single device. ... pro- cess (eg, on an **industrial controller**) is the ...
[All 2 versions](#)

Application and service management for industrial control devices

DM Callaghan, BA Batke... - US Patent App. 11/764,702, 2007 - Google Patents

... ods include interfacing control device information with ... a control system, an industrial controller, a module ... an application, an intelligent agent, autonomous I/O ...

[Related articles](#) - [All 4 versions](#)

Method for licensing software

J Birzer, M Danz, A Hartlinger, M Kiesel - US Patent App. 10/292,889, 2002 - Google Patents

... can be implemented as a mobile agent, which allows ... link or the Internet to the industrial controller/control system ... a single point and/or a single device or at ...

[All 2 versions](#)

Industrial Components, MU, PIBOC Controller Series to Be Incorporated into Industrial ...

T SANO, T KATSUMATA, H YAMAKAWA, Y ... - Meiden Jiho, 2005 - sciencelinks.jp

... the performance of PC, application of PC for **industrial controller** is becoming ... are expected to be applied to various manufacturing devices, terminals, medical ...

[Cached](#)

Instant messaging for event notification and exchanging data in an **industrial controller** ...

DM Callaghan - US Patent 7,539,724, 2009 - freepatentsonline.com

... balancing using distributed forwarding agents with application ... Multi-protocol bus device, April, 2006, ... processing in an **industrial controller** environment, December ...

[Related articles](#) - [All 3 versions](#)

Integrated Programmer Reference For Industrial Control Device Data

J BIZILY, S PIERCE, P TELLJOHANN, RD Law, ... - 2007 - freepatentsonline.com

... Attorney, Agent or Firm: Rockwell Automation, Inc /BF ... controller (10), the industrial controller communicating with a ... data sheets describing device data (22 ...

[All 3 versions](#)

Agent program environment

RJ Staron, KH Hall, FP Maturana, P Tichy, P ... - US Patent App. 10/808,999, 2004 - Google Patents

... 15, 2004 and entitled "Agent Program Environment", where ... simple and requires programming only a single device. ... a process with an **industrial controller** is the ...

[Related articles](#) - [All 5 versions](#)

Intelligent self-determining I/O device

GM Sichner - US Patent 7,412,548, 2008 - Google Patents

... WH Tsai Assistant Examiner—Scott Sun (74) Attorney, Agent, or Firm ... or down- stream (ie, away from the **industrial controller** 100) to another device D and/or ...

[All 5 versions](#)

Method and system for selecting controller output value source

SP Blech, GA Majcher, JP Caspers - US Patent 6,591,311, 2003 - Google Patents

... Examiner—Rehana Perveen (74) Attorney, Agent, or Firm ... Various control modules of the **industrial controller** may be ... message from a master or peer device over a ...

[All 2 versions](#)

[... radio frequency identification \(RFID\) technology with agent-based control systems](#)

P Vrba, F Macurek, V Marik, KH Hall, P Tichy ... - US Patent App. 10/985,173, 2004 - Google Patents

... one or more of the **agents** and/or a dedicated **agent**, for example, within a microprocessor-based device such as a computer, an **industrial controller**, a hardware ...

[Related articles - All 3 versions](#)

[Distributed intelligent diagnostic scheme](#)

FP Maturana, RJ Staron, FM DiScenzo, KH Hall ... - US Patent App. 11/012,818, 2004 - Google Patents

... that employs a distributed intelligent agent infrastructure to ... with a control program, the **industrial controller**, having an ... that interface at a device level to ...

[All 2 versions](#)

[System and methodology that facilitate factory automation services in a distributed ...](#)

DE Thomas, TJ Jasper, CH Bromley, NJ ... - US Patent 7,392,100, 2008 - [freepatentsonline.com](#)

... Leo. Assistant Examiner: Kasenge, Charles. Attorney, Agent or Firm: ... 4, the **industrial controller** 204 is called "BaggerSLC" and an HMI device 280 is ...

[Safety network for industrial controller providing redundant connections on single media](#)

KW Vandesteeg, DA Vasko, JA Lenner, KH ... - US Patent 6,631,476, 2003 - Google Patents

... Examiner—Rita A Ziemer (74) Attorney, Agent, or Firm ... among components of an **industrial controller** some of ... may be in a single physical device having one FIG ...

[Related articles - All 2 versions](#)

[Real-time test bench for traction drives controllers](#)

G Bianchi, FC Dezza, R Manigrasso, F ... - [ieeexplore.ieee.org](#)

... State is going to notify the Italian Transport Agency and in this ... and its dynamical performance as measured coupling the device to an **industrial controller**. ...

[Related articles - BL Direct](#)

[Virtual reality and telepresence control of robots used in hazardous environments](#)

LE Bronisz, PC Pittman - 1996 - [osti.gov](#)

... likely continue to be an **Adept industrial controller** as used ... the United States Government or any agency thereof ... of the teleoperation issues for the next device. ...

[All 2 versions](#)

[Diagnostic tool for retroactive assessment of industrial process performance](#)

DJ Reichard, KS Plache - 2008 - [freepatentsonline.com](#)

... Attorney, Agent or Firm: Grünecker, Kinkeldey, Stockmair & ... control system 20 having an **industrial controller** that executes ... 18; a data playback device 26 that ...

[System and methodology providing multi-tier-security for network data exchange with ...](#)

BA Batke, JJ Baier, RA Morse, DM Callaghan - US Patent 7,536,548, 2009 - [freepatentsonline.com](#)

... Primary Examiner: Revak, Christopher A. Attorney, Agent or Firm ... a trust relationship between a remote device and the **industrial controller**, an encryption ...

[Jog control for industrial control network](#)

TM Keeley - US Patent 6,529,785, 2003 - Google Patents

... (74) Attorney, Agent, or Firm ... on the network to the output 40 device corresponding to the ... a control program executed by an **industrial controller** to supervise ...

Related articles - All 2 versions

Automation device data interface

DM Callaghan - US Patent 7,565,351, 2009 - freepatentsonline.com

... 6842779, Agent accessory tool cooperating with integrated ... object based interface for industrial controller, March, 2003, ... configuring a remote device, March, 2003, ...

Agent simulation development environment

FP Maturana, P Vrba, RJ Staron, KH Hall, P ... - US Patent App. 11/044,233, 2005 - Google Patents

... VERSAL RUN-TIME INTERFACE FOR AGENT-BASED SIMULATION ... are special purpose processing devices used for ... facilitated by separating the industrial controller into a ...

All 2 versions

Systems and methods that integrate radio frequency identification (RFID) technology with ...

F Macurek, P Vrba, KH Hall - US Patent 7,339,476, 2008 - Google Patents

... PCT/EP2005/007878, 8 pages. (Continued) Primary Examiner—Crystal J. Barnes (74)

Attorney, Agent, or Firm—Amin Turocy & Calvin LLP; William R. Walbrun (57 ...

Related articles - All 4 versions

System and methodology that facilitates client and server interaction in a distributed ...

DE Thomas, TJ Jasper, CH Bromley, NJ ... - US Patent 7,308,473, 2007 - Google Patents

... Charles Kasenge (74) Attorney, Agent, or Firm ... change notification exemplary industrial controller environment in ... illustrating a network device topology relevant ...

Related articles - All 2 versions

... facilitating remote and automated maintenance procedures in an industrial controller ...

DR Wylie, JJ Baier, DM Callaghan - US Patent 7,203,560, 2007 - Google Patents

... Thomas K. Pham (74) Attorney, Agent, or Firm ... facilitate remote maintenance within an industrial controller receiving an ... I/O table to control a device environment ...

Related articles - All 2 versions

TILT-RING PNEUMATIC CONTROL DEVICE

US Patent 3,515,162, 1970 - Google Patents

... HOEL L. BOWDITCH GEORGE F. WILLIAMS RICHARD A. BERTONE AGENT Page 2. ... ' A pneumatically operated industrial controller from which the device of this ...

All 2 versions

SOFTWARE LICENSE MANAGER

J Birzer, M Danz, A Hartlinger, M Kiesel - US Patent App. 11/466,980, 2006 - Google Patents

... can be implemented as a mobile agent, which allows ... the software module is installed on a device or a ... for motion control in an industrial controller, does not ...

All 2 versions

License manager

J Birzer, M Kiesel, A Hartlinger - US Patent App. 10/276,604, 2002 - Google Patents

... can be implemented as a mobile agent, which allows ... the software module is installed on a device or a ... for motion control in an industrial controller, does not ...

All 6 versions

Alarm/event encryption in an industrial environment

KH Hall, K Tambascio, JJ Baier, EG Dorgelo, ... - 2008 - freepatentsonline.com
... Attorney, Agent or Firm: Englaender, Klaus (HML Patent and ... related to field devices of an industrial controller system ... 200 can include a field device 202 having ...

... and method of powering and communicating field ethernet device for an instrumentation and ...

S Keyghobad, W Baker, R Thibault - US Patent 6,640,308, 2003 - Google Patents
... Nitin C. Patel (74) Attorney, Agent, or Firm—Fish & Richardson PC (57) ABSTRACT
A powered Ethernet connection is provided between two devices connected by an ...

[Related articles - All 2 versions](#)

... facilitating data warehousing of controller images in a distributed industrial controller ...

AS Grewal, JL Hamilton - US Patent 7,222,131, 2007 - Google Patents
... WAREHOUSING OF CONTROLLER IMAGES IN A DISTRIBUTED INDUSTRIAL CONTROLLER ENVIRONMENT (75 ... Assistant Examiner—Hassan Tony Mahmoudi (74) Attorney, Agent, or Firm ...
[All 2 versions](#)

System performance monitoring system

JR Carroll, AV Augis, J Erin, JJ Jacko, LE ... - US Patent 7,373,267, 2008 - Google Patents
... Examiner—Tung S. Lau (74) Attorney, Agent, or Firm ... a process system controller or industrial controller 14 that ... or any other process system device where the ...
[All 4 versions](#)

System and methodology providing network data exchange between industrial control ...

JJ Baier, DF McEldowney - US Patent 7,330,473, 2008 - Google Patents
... Kevin C. Harper (74) Attorney, Agent, or Firm ... and/or information network in an industrial controller environment ... to a plurality of local network devices in the ...
[Related articles - All 2 versions](#)

Method and apparatus for synchronizing an industrial controller with a redundant controller

KH Hall, RE Schultz - US Patent 7,340,574, 2008 - Google Patents
... Examiner—Reba I. Elmore (74) Attorney, Agent, or Firm ... flow diagrams of methods used by the industrial controller of FIG ... portion of a memory of any device is to ...
[All 6 versions](#)

Integration of control and business applications using integration servers

DM Callaghan... - US Patent App. 11/020,371, 2004 - Google Patents
... a special purpose processing device for controlling ... exemplary an exemplary industrial controller in accordance ... component," "adapter," "agent," "module," "system" ...
[All 4 versions](#)

Bus isolator for industrial control system providing intrinsically safe operation

MW Kessler, RD Slater, H Wieth, I Kurkovskiy ... - US Patent 6,154,679, 2000 - Google Patents
... Examiner—Kidest Bahita Attorney, Agent, or Firm ... the present invention provides an industrial controller reading inputs from an industrial device and providing ...
[Related articles - All 4 versions](#)

Low voltage industrial control system providing intrinsically safe operation

MW Kessler, RD Slater, RJ Kretschmann, M ... - US Patent 6,154,683, 2000 - Google Patents
... Examiner—Mackly Monestime Attorney, Agent, or Firm ... present invention provides an
industrial controller reading inputs from an industrial device and providing ...

[Related articles](#) - [All 4 versions](#)

Component loader for industrial control device providing resource search capabilities

RW Sprecher, TL Heidebrecht, DE Thomas, ... - US Patent 6,948,059, 2005 - Google Patents
... Paul Yanchus, III (74) Attorney, Agent, or Firm ... program, the industrial control device
and compatibility of those industrial controller examines a ...

[All 2 versions](#)

Industrial controller

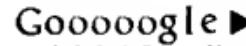
Y Sameda, H Nakatani, A Sawada, J Takehara, ... - 2008 - freepatentsonline.com
... G06F7/48. Attorney, Agent or Firm: OBLON, SPIVAK ... 40 and residing in the industrial
controller is allowed to ... Previous Patent: Method and Device for Calculating a ...

[All 2 versions](#)

Licensing and access authorization

A Hartinger, M Kiesel - US Patent App. 10/276,605, 2002 - Google Patents
... link or the Internet to the industrial controller/control system or ... can be associated
with a single device of the ... manager can be implemented as a mobile agent. ...

[All 6 versions](#)


Result Page: [1](#) [2](#) [3](#) [4](#) [5](#) [Next](#)

[Go to Google Home](#) - [About Google](#) - [About Google Scholar](#)

©2009 Google